

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q88804

Byeang Hyeon KIM, et al.

Appln. No.: 10/541,769

Group Art Unit: Unassigned

Confirmation No.: 3900

Examiner: Unassigned

Filed: July 8, 2005

For: NEW PHOSPHORAMIDITE COMPOUNDS

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

MAIL STOP PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)," for the above application, Applicant respectfully submits herewith a copy of the Declaration for the above identified application properly executed by the inventors. It is pointed out that the Declaration was submitted with the application on July 8, 2005. Copies of the postcard receipt stamped by the PTO are also enclosed.


In addition, on January 10, 2006, Applicant submitted a Submission of Sequence Listing and Statement Under 37 C.F.R. §§ 1.821-1.825, a Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§ 1.821-1.825 with five pages of Sequence Listing and a computer readable copy of the Sequence Listing, along with a check in the amount of \$65.00. A copy of

Byeang Hyeon KIM et al.
Appln. No. 10/541,769
Response to Notification of Missing Requirements

all papers as filed on January 10, as well as a copy of the stamped PTO receipt and the canceled check and another computer readable copy of the Sequence Listing are attached.

Although no fees are believed to be due, the USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



John T. Callahan
Registration No. 32,607

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: May 1, 2006



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/541,769	Byeang Hyeon Kim	Q88804

23373
 SUGHRUE MION, PLLC
 2100 PENNSYLVANIA AVENUE, N.W.
 SUITE 800
 WASHINGTON, DC 20037

DOCKETED
 MAR 07 2006

INTERNATIONAL APPLICATION NO.	
PCT/KR03/00857	
LA. FILING DATE	PRIORITY DATE
04/28/2003	01/09/2003

CONFIRMATION NO. 3900
 371 FORMALITIES LETTER

 OC000000018153886

Date Mailed: 03/01/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 07/08/2005
- Copy of the International Search Report filed on 07/08/2005
- Copy of IPE Report filed on 07/08/2005
- Copy of Annexes to the IPER filed on 07/08/2005
- Information Disclosure Statements filed on 07/08/2005
- Biochemical Sequence Listing filed on 07/08/2005
- Request for Immediate Examination filed on 07/08/2005
- Copy of references cited in ISR filed on 07/08/2005
- U.S. Basic National Fees filed on 07/08/2005
- Assignment filed on 07/08/2005
- Priority Documents filed on 07/08/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new

matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/541,769	PCT/KR03/00857	Q88804

52

National Stage Entry of PCT/KR2003/000857
REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER

Inventor(s): Byeang Hyeon KIM, Su Jeong KIM, Eun-Kyoung BANG

Title: NEW PHOSPHORAMIDITE COMPOUNDS

Atty Doc. #: Q88804 Client: FirstLaw, Lee & Ko

Filing Date: July 8, 2005 # Pgs. Spec/Abst*: 27/0/6 #Claims: 2

*1st page of WO 2004/063208 A1 for Abstract 6 pages Sequence Listing

Dwg. Sheets: 4 sheets Decl yes Prelim Amdt no

ISR/IPER/PTO/SB/08 A & BIDS: yes Asgmt/PTO-1595: yes

Fees**: \$450.00 + \$40.00 (SMALL ENTITY STATUS CLAIMED)

☒ Checks Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: JTC/ecb

SERIAL NO.:

CONF NO.:



BEST AVAILABLE COPY

National Stage Entry of PCT/KR2003/000857
REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER

Inventor(s): Byeang Hyeon KIM, Su Jeong KIM, Eun-Kyoung BANG

Title: NEW PHOSPHORAMIDITE COMPOUNDS

Atty Doc. #: Q88804 Client: FirstLaw, Lee & Ko

Filing Date: July 8, 2005 # Pgs. Spec/Abst*: 27/0/6 #Claims: 2

*1st page of WO 2004/063208 A1 for Abstract 6 pages Sequence Listing

Dwg. Sheets: 4 sheets Decl yes Prelim Amdt no

ISR/IPER/PTO/SB/08 A & BIDS: yes Asgmt/PTO-1595: yes

Fees**: \$450.00 + \$40.00 (SMALL ENTITY STATUS CLAIMED)

☒ Checks Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: JTC/ecb

SERIAL NO. **10/541769** CONF NO.:

JC10 Rec'd PCT/PTO 08 JUL 2005

BEST AVAILABLE COPY